

ABSTRACT OF THE INVENTION

A range hood having an improved grease collecting motor housing and improved fan and motor connection. Housing openings are defined by circular walls projecting vertically 5 into the housing acting to collect grease within the housing. A flange depends radially outwardly from, and at an angle to, the circular wall. Air entering the housing via the fan deflects off the flange and prevents turbulent air within the housing from exiting the housing in the space located between the circular wall and the fan. The fan connection is comprised of a threaded recess in a shaft of the motor and a fan cap having a threaded 10 bolt. The shaft is inserted through an aperture in the fan and the fan cap threadingly connected to it. A tray attachable to the housing, and defining an air intake opening has an improved mating relationship with a lower panel of the range hood.